



1

SEQUENCE LISTING

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B1
<110> EVERETT, NICHOLAS P.
LI, QUNIGSHUN
LAWRENCE, CHRISTOPHER
DAVIES, MAELOR H.

<120> PEPTIDES WITH ENHANCED STABILITY TO PROTEASE
DEGRADATION

<130> INTERLINK 3.0-003

<140> 09/432,546

<141> 1999-10-29

<150> 60/106,373

<151> 1998-10-30

<150> 60/106,573

<151> 1998-11-02

<160> 27

<170> PatentIn Ver. 2.1

<210> 1

<211> 24

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

<400> 1

Met Gly Ile Gly Lys Phe Leu Arg Glu Ala Gly Lys Phe Gly Lys Ala
1 5 10 15

Phe Val Gly Glu Ile Met Lys Pro
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<210> 2

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

<400> 2

Ile Leu Pro Trp Lys Trp Pro Trp Trp Pro Trp Arg Arg
1 5 10

<210> 3

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TECH CENTER 1000 2000 TECH CENTER 1000 2000

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

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<400> 3

Ile Leu Lys Lys Trp Pro Trp Trp Pro Trp Arg Arg Lys
1 5 10

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

<400> 4

Arg Arg Trp Pro Trp Trp Pro Trp Lys Trp Pro Leu Ile
1 5 10

<210> 5

<211> 14

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

<400> 5

Ser Arg Arg Trp Pro Trp Trp Pro Trp Lys Trp Pro Leu Ile
1 5 10

<210> 6

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

<400> 6

Arg Arg Trp Pro Trp Trp Pro Trp Lys Trp Pro Leu Ile Gly Gly Gly
1 5 10 15

Tyr Asp Pro Ala Pro Pro Pro Pro Pro Pro
20 25

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<210> 7
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic antimicrobial peptide

<400> 7
 Ile Leu Pro Phe Lys Phe Pro Phe Phe Pro Arg Arg
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<210> 8
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 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 8
 Ile Leu Lys Gly Phe Pro Gly Phe Pro Arg Arg Lys
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<210> 9
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic antimicrobial peptide

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Lys Ser Ala Met Gly
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<210> 10
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 <223> Description of Artificial Sequence: Synthetic antimicrobial peptide

<400> 10
 Arg Pro Gly Gly Gln Ile Ala Ile Ala Ile Gly Glu Ser Ile Arg Lys
 1 5 10 15

Lys Ala Ser Asn Glu Leu Lys Lys Ala Thr Lys Ser Leu Trp Ser
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<210> 11

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 antimicrobial peptide

<400> 11

Lys Ala Ile Gln Thr Ala Gln Gly Val Val Ala Val Ala Pro Gly Ala
 1 5 10 15

Lys Ile Ile Gly Asp Arg Ile Asn Gln Gly Val Lys Glu Ile Lys Lys
 20 25 30

Phe Leu Lys Trp Lys

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<210> 12

<211> 27

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 antimicrobial peptide

<400> 12

Asn Ala Phe His Glu Ala Leu Gly Lys Ala Leu Gly Lys Leu Ala Ser
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Lys Gly Ala Ser Leu Ile Ser Ala Gly Ile Gly
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<210> 13

<211> 23

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 antimicrobial peptide

<400> 13

Gly Ile Gly Lys Phe Leu His Ser Ala Lys Lys Phe Gly Lys Ala Phe
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Val Gly Glu Ile Met Asn Ser
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<210> 14
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic antimicrobial peptide

<400> 14
Arg Arg Trp Pro Trp Trp Pro Trp Lys Trp Pro Leu Ile
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<212> DNA
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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 19

<211> 54

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:
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<210> 20

<211> 19

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
antimicrobial peptide

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Leu Pro Gln Pro Glu Ala Ser Ala Asp Glu Gly Val Asp Glu Arg Glu
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Leu His Ser

<210> 21

<211> 88

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:
Oligonucleotide

<400> 21

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gctccattct aggagatggc cttgggtgg 88

<210> 22

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:
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<223> Description of Artificial Sequence: Primer			
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<210> 24			
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<400> 24	agtcaactgca gctaagatta ggagatggcc ttggtg	36	
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<212> DNA			
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<223> Description of Artificial Sequence: DNA PCRIL construct			
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ttcctaataa tatctcaactc ttctcatgcc caaaactctc aacaagacta ttggatgcc 120			
cataacacag ctcgtgcaga tgttaggcgtg gctgcagcta agattaggag atggccttgg 180			
tggccttggaa aatggcctct tatttaa 207			
<210> 26			
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1	5	10	15

Thr Leu Leu Leu Phe Leu Ile Ser His Ser Ser His Ala Gln Asn
20 25 30

Ser Gln Gln Asp Tyr Leu Asp Ala His Asn Thr Ala Arg Ala Asp Val
35 40 45

Gly Val Ala Ala Ala Lys Ile Arg Arg Trp Pro Trp Trp Pro Trp Lys
50 55 60

Trp Pro Leu Ile
65

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cont
<210> 27
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
cleavage site

<400> 27
Ala Ala Lys Ile
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